

# CRITCHLEY ADSL TRANSFORMERS

## 6A314 / 6A324



➤ For use with the following Chipsets:

<b>Analog Devices</b>	<b>AD20MSP910</b>
<b>Using line driver :</b>	<b>AD816</b>

- **Designed to meet EN60950 requirements for Supplementary Isolation.**
- **Available in both Conventional and SMD Styles.**

<b>ELECTRICAL SPECIFICATION*</b>					
Inductance @ 10 kHz 0.1 Vrms.	Leakage Inductance @ 100 kHz 0.1 Vrms.	Turns Ratio	DC Resistance (max.)		Isolation Voltage Primary : Secondary
1 - 4 (s/c 2-3)	1 - 4 (s/c 2-3, 8-9, 10-7)	1 - 4 : 10 - 7 (s/c 2-3, 8-9)	1 - 4 (s/c 2-3)	10 - 7 (s/c 8-9)	1 - 10 (2 secs) (s/c 2-3, 8-9)
<b>2 - 5 mH</b>	<b>&lt; 4 μH</b>	<b>1 : 1</b>	<b>1.2 Ω</b>	<b>0.4 Ω</b>	<b>1500Vrms.</b>

\* At 23°C

<b>SCHEMATIC</b>	<b>MECHANICAL SPECIFICATION</b>		
<p style="text-align: center;"><b>Turns Ratio 1 : 1</b></p> <p>This component is tested to :</p> <p style="text-align: center;">IEC 68-2-14:1984 Nb (temperature range: -40°C to +125°C).</p> <p>Approximate Weight.....7 grams</p> <p style="text-align: center;"><i>This component is currently under development.</i></p>	<div style="text-align: center; color: red; font-weight: bold;">Through Hole Style - 6A314</div> <div style="text-align: center; color: red; font-weight: bold;">Surface Mount Style - 6A324</div> <p style="text-align: center;">Dimensions in mm</p>		

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